



Dr. Joan Ferrini-Mundy

Director, Division of Research on Learning in Formal and Informal Settings
Acting Executive Officer, Directorate for Education and Human Resources

Dr. Joan Ferrini-Mundy is the Director of the National Science Foundation's (NSF) Division of Research on Learning in Formal and Informal Settings (DRL) in the Directorate for Education and Human Resources (EHR). DRL houses four main programs: Discovery Research K-12; Research and Evaluation on Education in Science and Engineering Education; the Informal Science Education Program; and Innovative Technology Experiences for Teachers and Students. In January, 2009, Ferrini-Mundy also assumed the role of Acting Executive Officer for EHR. As an Intergovernmental Personnel Act employee at NSF Dr. Ferrini-Mundy continues to hold appointments at Michigan State University (MSU) as a University Distinguished Professor of Mathematics Education and Assistant Vice President for STEM Education Research and Policy. She is a professor in the Departments of Mathematics and Teacher Education.

Dr. Ferrini-Mundy was a Visiting Scientist in NSF's Teacher Enhancement Program from 1989-1991 and worked at the National Research Council from 1995-1999 as Director of the Mathematical Sciences Education Board and Associate Executive Director of the Center for Science, Mathematics, and Engineering Education. In Michigan she directed the Michigan Department of Education Teacher Preparation Policy Study Group to advise the Superintendent of Public Instruction about policy reform in teacher preparation (2006-2007) and has served as chair of the Mathematics High School Content Expectations Development Committee. From 1983-1999 Ferrini-Mundy was a member of the Mathematics Department at the University of New Hampshire, and in 1982-1983 she was a mathematics faculty member at Mount Holyoke College, where she co-founded the SummerMath for Teachers Program.

Active in professional societies, Ferrini-Mundy has served on the Board of Directors of the National Council of Teachers, and chaired the Writing Group for the National Council of Teachers of Mathematics (NCTM) 2000 *Principles and Standards for School Mathematics*. She completed a term as a member of the Board of Governors of the Mathematical Association of America in 2006. In 2007-2008, representing NSF, she served as an ex officio member of the President's National Mathematics Advisory Panel, and co-chaired the Instructional Practices Task Group. She has played leadership roles in several MSU-based projects, including the Carnegie-supported Teachers for A New Era Initiative, the NSF-funded *Knowledge of Algebra for Teaching* project, and *Promoting Rigorous Outcomes in Mathematics/Science Education (PROM/SE)*, an NSF Mathematics and Science Partnership. Her research interests include calculus teaching and learning, the development and assessment of teachers' mathematical knowledge for teaching, and mathematics education policy.